

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	(US-20040081257-\$).did. or (US-7072425-\$ or US-6671342-\$ or US-6493409-\$ or US-5872815-\$ or US-6005640-\$ or US-4320526-\$ or US-7027528-\$ or US-6252903-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/27 17:22
L2	28	("4856027"   "5214501"   "5235424"   "5282023"   "5311547"   "5321725"   "5410368"   "5479449"   "5550596"   "5572249"   "5583889"   "5588025"   "5596606"   "5600677"   "5636251"   "5659583"   "5673293"   "5694419"   "5706057"   "5712873"   "5796786"   "5799037"   "5805242"   "5872815"   "5894334"   "6005640"   "6097768"   "6160443").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 17:28
L3	19	("6493409").URPN.	USPAT	OR	ON	2007/08/27 17:28
L4	47	2 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:28
L5	10	4 and hilbert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:33
L6	2	("5872815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/27 17:36
L7	1	6 and hilbert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:50
L8	2	("20040081257").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/27 17:50

## EAST Search History

L9	1	hilbert and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:51
L10	105768	phase near (detect\$4 compara\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:51
L11	127	hilbert same 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
L12	37	(vco nco) and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
L13	17141639	@ad<"19981103"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
L14	6	12 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
S1	4	((("6493409") or ("6671342"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 11:23
S2	17	(lin near thuji).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:45

## EAST Search History

S3	26	(liu near tian near min).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:45
S4	16	(krafft near stephen).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:46
S5	51	S2 S3 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:46
S6	1	S5 and hilbert.cim.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:47
S7	17136513	@ad<"19981103"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
S8	77	vsb vco hilbert error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/18 15:36
S9	60	(slicer decision) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:47
S10	18	S7 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:51

## EAST Search History

S11	4	((("6671342") or ("6493409")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 15:35
S12	7029	375/375,327,376,269,279,281,326, 327,329,332,344,345,376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:35
S13	1076	329/307,304,308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:35
S14	1269	348/725,726.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:36
S15	8818	S12 S13 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:30
S16	223	vco hilbert error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/18 15:36
S17	69	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:36

## EAST Search History

S18	57	((("4856027") or ("5214501") or ("5235424") or ("5282023") or ("5311547") or ("5321725") or ("5410368") or ("5479449") or ("5550596") or ("5572249") or ("5583889") or ("5588025") or ("5596606") or ("5600677") or ("5636251") or ("5659583") or ("5673293") or ("5694419") or ("5706057") or ("5712873") or ("5796786") or ("5799037") or ("5805242") or ("5872815") or ("5894334") or ("6005640") or ("6097768") or ("6160443") or ("6493409")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 15:38
S19	7	S16 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:38
S20	2	("5872815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 17:16
S21	1	phase and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 17:16
S22	51	("5872815").URPN.	USPAT	OR	ON	2007/01/19 18:08
S23	34	S22 and vsb and phase	USPAT	OR	ON	2007/01/19 18:09
S24	21	S22 and vsb and phase and hilbert	USPAT	OR	ON	2007/01/19 18:15
S25	44	("4085378"   "4745625"   "5025455"   "5214501"   "5235424"   "5282023"   "5311547"   "5321725"   "5375146"   "5410368"   "5453797"   "5479449"   "5487186"   "5550596"   "5572249"   "5583889"   "5588025"   "5596606"   "5600677"   "5602602"   "5636251"   "5648923"   "5659583"   "5673293"   "5694419"   "5706057"   "5712873"   "5715012"   "5757855"   "5796786"   "5799037"   "5805242"   "5841814"   "5872815"   "5894334"   "5933460"   "6005640"   "6160443"   "6166594"   "6222891"   "6278730"   "6282248"   "6295325"   "6356598").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 18:13

## EAST Search History

S26	15	S25 and vsb and phase and hilbert	USPAT	OR	ON	2007/01/20 01:29
S27	648	(symbol and phase) near error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 01:09
S28	100	vsb and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 01:09
S29	17136513	@ad<"19981103"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 01:09
S30	38	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 01:14
S31	648	(symbol and phase) near error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 04:04
S32	100	vsb and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 01:15
S33	17136513	@ad<"19981103"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:24
S34	38	S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 04:04

## EAST Search History

S35	4	((("20030174782") or ("6584593")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/20 01:30
S36	648	(symbol and phase) near error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 01:51
S37	144	375/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 04:04
S38	648	(symbol and phase) near error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 04:05
S39	0	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 04:05
S40	2367	hilbert adj transform\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:23
S41	17053	licer (hard adj decision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:23
S42	11	S40 same S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:23

## EAST Search History

S43	17140982	@ad<"19981103"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:24
S44	5	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:29
S45	6451	phase adj split\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:30
S46	5334	symbol adj error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:37
S47	29404	phase adj error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:37
S48	3	S41 S43 S45 S46 S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 11:36
S49	3	S43 S45 S46 S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 11:37
S50	31901	phase near error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:37



## EAST Search History

S51	6374	symbol near error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:37
S52	3	S43 S45 S50 S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 11:38
S53	16	S43 S45 S50 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 11:38
S54	127	S46 and S47 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:46
S55	36	S46 and S47 and S43 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:46
S56	6	((("6430243") or ("6252903") or ("5872815"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 12:12
S57	3	("5706057"   "5867539"   "5894334").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 12:15
S58	3	("6430243").URPN.	USPAT	OR	ON	2007/08/08 12:16
S59	17	vsb and S41 and S43 and (vco nco) and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:19

## EAST Search History

S60	7418	375/375,327,376,269,279,281,326,327,329,332,344,345,376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:31
S61	1096	329/307,304,308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:30
S62	1342	348/725,726.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:30
S63	9286	S60 S61 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:30
S64	1	(vsb hilbert decision phase error vco). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 13:31
S65	7341	375/321,350375,327,376,269,279,281,326,327,329,332,344,345,376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:31
S66	9236	375/321,350,375,327,376,269,279,281,326,327,329,332,344,345,376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:31
S67	1	S64 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:32

## EAST Search History

S68	3	("4320526").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/21 13:23
S69	1	hilbert and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:23